Section 7   Adjustments

Contents

1.   MONITOR CALIBRATION

There are two different menu locations. One is in the monitor menu which displays patterns. The other one is in the Workspace menu (Open windows) and is used to calibrate the Brightness uniformity and Convergence for Color monitors.
For the specific monitor procedures see the Monitor Service Manual.

1.1.   MONITOR TEST PATTERNS

To access the monitor menu environment select entry number 4 (Go to Service Menu) in the StartUp menu.
Then at the **password:** prompt enter **password**

```
Service Menu
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    1. Diagnostics Menu (sunvts and product diagnostics)
    2. Sun Os Menu      (optical disk format and Sun Os commands)
    3. File Menu        (file transfer and manipulation commands)
    4. Printer Menu     (printer tests)
    5. Monitor Menu     (Monitor test images and adjustment)

    0 Logout

Enter the number of your choice: 5

Monitor Menu
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1       Start Monitor Color Map Test

0       Return to Service Menu

Enter the number of your choice: 1
```

The following test patterns are shown in sequence by following the instructions on the screen:
*   GreyScale / Color scale pattern
*   Color scale / GreyScale pattern
*   Crosshatch / circle
*   Resolution
*   25% White
    To verify the brightness value setting. Refer to the monitor manual for the specific value.
*   Black screen
    To verify the black level setting of the monitor, which is always 1 Cd/m2.
*   All mixed

1.2.   COLOR MONITOR CALIBRATION

There is special monitor software to adjust the color monitor brightness uniformity and convergency. This
software can only operate in the open windows environment and requires the monitor calibration tool.
The procedure is as follows:

NOTE

*Due to a hardware problem in the SUN systems the serial port does not always recognize the monitor
calibration tool. For this reason it may be necessary to boot the system with the monitor calibration tool
connected.*

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```
Start-up menu:
1  Start Application
2  Start Customization
3  Goto Service menu
4  Go to Installation / Configuration menu
0  Shut down
```

- Select number 3: Service Menu.

Service Menu:
```
1  Diagnostics Menu (sunvts and product diagnostics).
2  SunOS Menu(optical disk format and SunOS commands).
3  File menu (File transfer and manipulation commands).
4  Printer menu  (Printer tests).
5  Monitor menu  (Monitor test images and adjustments).

0  Logout
```

- Select number 2: SunOs Menu

```
SunOs Menu
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1. Optical Disk Format Menu.
2. Sun Os: a C-shell is started in the service directory.
   Type 'exit' to return to this menu.
3. SunOS: OpenWindows is started in the service-directory
   Use 'Exit...' in the workspace pop-up menu to return to this menu

   0 Return to the service menu
```

- Select number 3: SunOS: OpenWindows

Move the cursor to the canvas (background) and click the right mouse button. Select in this Workspace menu
the Color monitor adjustment entry.

The Cyberscreen Color Monitor Maintenance Software is started. Refer to the color monitor documentation
for the adjustment procedure.